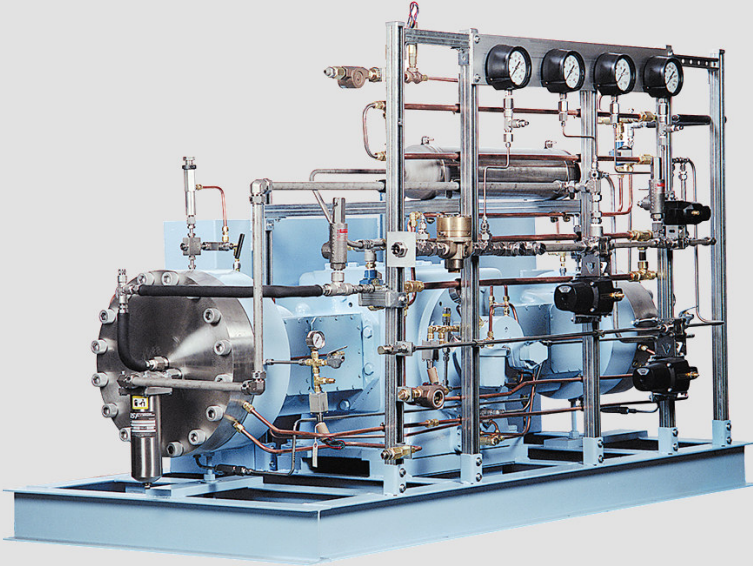


HYDROGEN REFUELLING

1-1000 BAR DIAPHRAGM OR PISTON COMPRESSORS

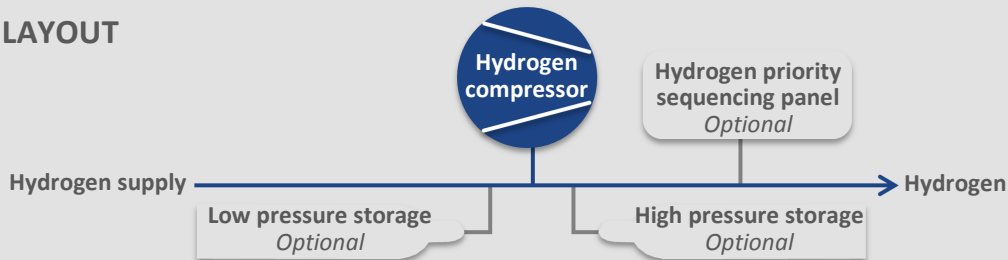


H2 Logic diaphragm and piston compressors are the preferred choice when contamination-free and leak-tight hydrogen compression is required. The compressors have earned a reputation for high quality, reliability, low maintenance and extended service intervals. The hydrogen compressors are in use in over 60 refuelling stations world wide. State-of-the-art engineering, manufacturing & stringent quality control procedures allow H2 Logic to successfully market & supply the most reliable hydrogen compressors in the industry.

MAIN FEATURES & OPTIONS

- Hydraulic piston compressor (1-450bar)
- Hydraulic diaphragm compressor (1-1000bar)
- Low/High pressure storage (6-1000bar flex. capacity)
- Hydrogen priority sequencing panel
- Handling of installation & authority approval process
- Third party certified according to safety regulations
- Full service package

SYSTEM LAYOUT



TECHNICAL SPECIFICATIONS

	HYDRAULIC DIAPHRAGM	HYDRAULIC PISTON
Compressor capacity	1-400 Nm ³ /hour (depending on inlet pressure)	1-500 Nm ³ /hour (depending on inlet pressure)
Inlet pressure (range)	1-500bar	1-500bar
Outlet pressure (range)	50-1000bar	50-1000bar
Directives and Standards	CE approved for European Union, PED, ATEX, EMC, Machine	
Instrumentation & Controls	Fully instrumented with control box	
Placement	Structural steel frame with industrial epoxy paint finish	
Other/options	Optional low/high pressure storage (6-1000 bar) with flexible storage capacity	
	Optional hydrogen priority sequencing panel for controlling flow to/from high pressure storage	
	Optional handling of installation & authority approval process	
	Optional full service contract	

H2 LOGIC A/S

INDUSTRI-PARKEN 34 | 7400 HERNING | DENMARK

PHONE: +45 96 27 56 00 | FAX: +45 97 14 08 99

E-MAIL: INFO@H2LOGIC.COM | WEB: WWW.H2LOGIC.COM

© COPYRIGHT, ALL RIGHTS RESERVED H2 LOGIC A/S 2003-2009. Any information may be changed without notice.



H2 Logic

Hydrogen Fuel Cell Motive Power Solutions